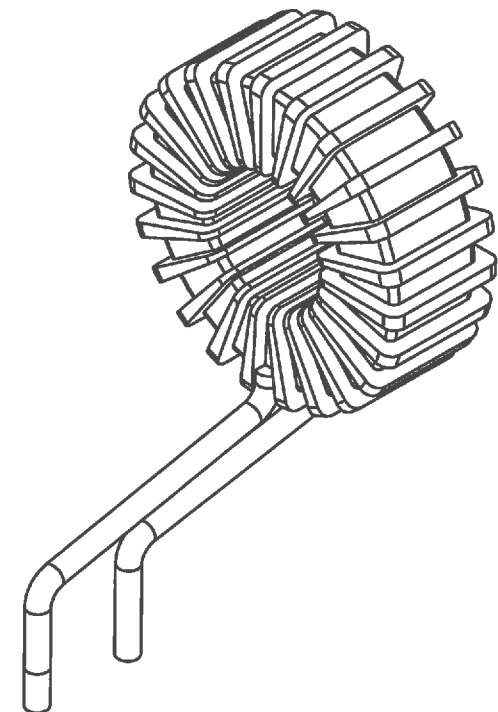
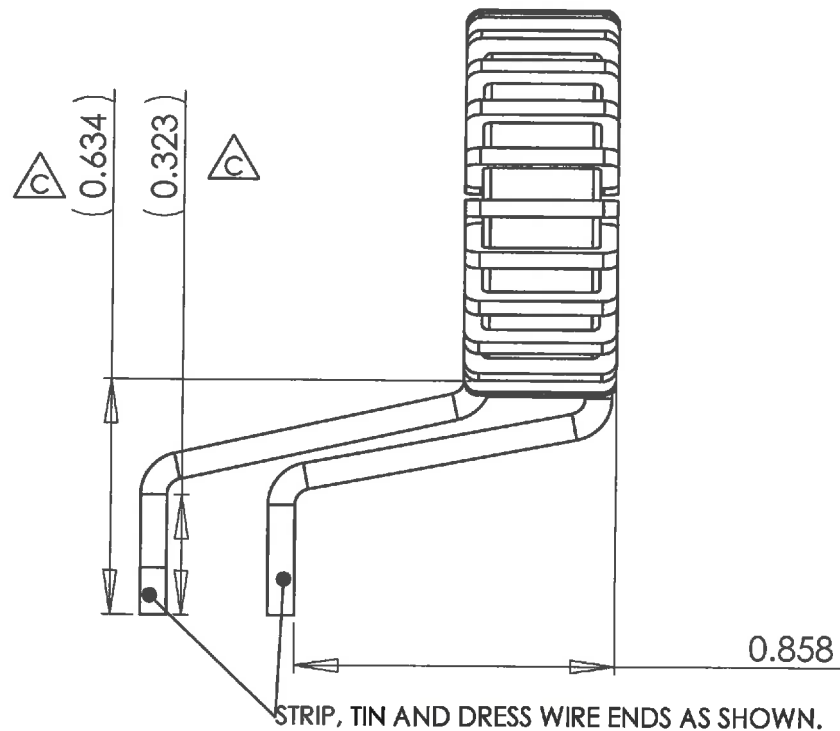
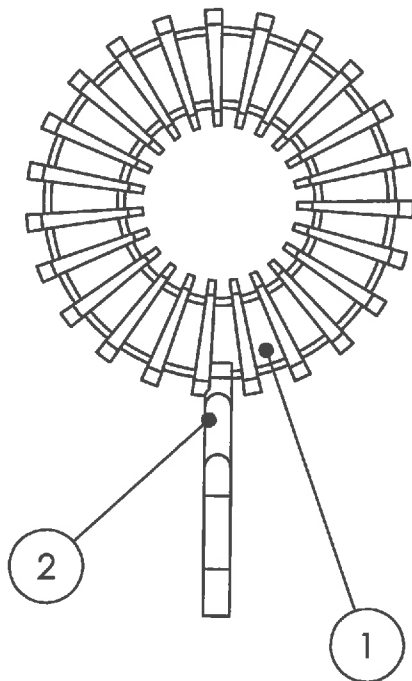


ITEM	QTY	P/N	DESCRIPTION	QVL
	X	G12980-8	BUCK CHOKE ASSEMBLY	
1	1		CORE TOROID, KOOL MU, 77059 A7	MAGNETICS INC., 77059 A7
2	1		CORE TOROID, KOOL MU, MS-090060-2	ARNOLD MAGNETIC TECH., MS-090060-2
3	1		WIRE, HEAVY COAT, AWG 19	GENERIC
4	A/R		VARN, ELEC INSULATING	POLYGEM 199
5	A/R		VARN THINNER, USE FOR ET-90A (TAIHU)	TAIHU TX-222

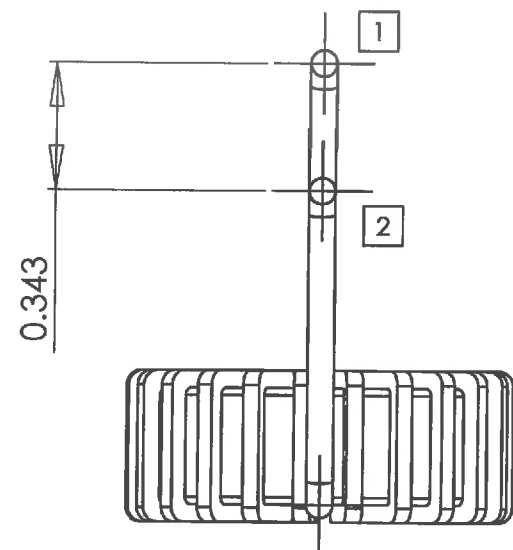


#### SPECIFICATIONS

INDUCTANCE: 1 - 2 14.0uH - 17.0uH AT 1kHz AND NO DC BIAS

RESISTANCE: 1 - 2 LESS THAN 10 mOHM AT 25°C

HIGHPOT (FOR ONE SECOND): 2000 VDC FOR 1 SECONDS - WINDING TO CORE



19 TURNS  
2 x AWG19  
IN PARALLEL

#### SCHEMATIC

#### G12980-8 BUCK CHOKE ASSEMBLY

#### ASSEMBLY NOTES

1. WIND THE WIRE TIGHTLY, NEATLY AND EVENLY DISTRIBUTED AS SHOWN.
2. CHECK TURNS RATIO, INDUCTANCE, RESISTANCE AND HIGHPOT.
3. DIP IN VARNISH AND BAKE TO CURE ENSURE PINS ARE FREE OF VARNISH.
4. UNITS: INCHES UNLESS OTHERWISE SPECIFIED

#### APPROVED

TOLERANCES:  
X.X ± 0.050 ANGULAR ± 2°  
X.XX ± 0.030  
X.XXX ± 0.010

MATERIAL	MATERIAL
MATERIAL SPEC	
STOCK SIZE	
STOCK SIZE (CUT)	

C	UPDATE SHEET FORMAT, MAKE DIMENSIONS REFERENCE, UPDATE RESISTANCE WAS 10mOHM-12mOHMS NOW LESS THAN 10mOHM, ADD BOM TO SHT 1. REF NCR MO53603.35.1.1	PM	17.03.29
B	GENERAL REVISION	GIA	05.14.08
A	NEW ISSUE	GIA	05.14.08
REV.	DESCRIPTION	BY	DATE
DESIGN	EPDMA	<b>EAGLE COPTERS LTD</b> CALGARY, ALBERTA, CANADA	
DRAWN	PM		
CHECKED	RF	DRAWING NO.	REV. C
MFG. APPR.	DAW	G12980-8	SHEET 1 OF 1
APPROVED	HS	TITLE	SCALE
DE APPR.	N/A	BUCK CHOKE ASSEMBLY	NTS
DATE	17.03.29	COPYRIGHT © 2017 BY EAGLE COPTERS LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM EAGLE COPTERS LTD.	